

Chackar

RAW SEQUENCE LISTING **ERROR REPORT**



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 08/734,592

Art Unit / Team No.: 1645

Date Processed by STIC: 1/25/99

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,**
- 2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY**

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

ARTI SHAH 703-308-4212

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RAW SEQUENCE LISTING
PATENT APPLICATION US/08/734,592DATE: 01/25/1999
TIME: 17:10:33

Input Set: H734592.RAW

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

new format
Does Not Comply
Corrected Diskette Needed

1 <110> GOODEARL, ANDREW
2 STROOBANT, PAUL
3 MINGHETTI, LUISA
4 WATERFIELD, MICHAEL
5 MARCHIONNI, MARK
6 CHEN, MARIO S.
7 HILES, IAN
8 <120> GLIAL MITOGENIC FACTORS, THEIR
9 PREPARATION AND USE
10 <130> 04585/00200R
11 <140> US/08/734,592
12 <141> 1996-10-22
13 <150> 08/472,008
14 <151> 1995-06-06
15 <150> 08/036,555
16 <151> 1993-03-24
17 <150> 07/965,173
18 <151> 1992-10-23
19 <150> 07/940,389
20 <151> 1992-09-03
21 <150> 07/907,138
22 <151> 1992-06-30
23 <150> 07/863,703
24 <151> 1992-04-03
25 <160> 192
26 <170> FastSEQ for Windows Version 3.0

ERRORED SEQUENCES FOLLOW

E--> 27 <210> 136
28 <211> 559 *561 shown (next page)*
29 <212> DNA
30 <213> Bos taurus
31 <220>
32 <221> CDS
33 <222> (460)...(561)
34 <223> N in position 214 is unknown.
35 <220>
36 <221> variation
37 <222> (560)...(560)
38 <223> N in position 560 varies.
39 <220>

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RAW SEQUENCE LISTING
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40 <221> variation
41 <222> (561)...(561)
42 <223> N in position 561 varies.
43 <220>
44 <221> variation
45 <222> (34)...(34)
46 <223> Xaa in position 34 is Ala.
47 <400> 136
48 agtttccccc cccaacttgt cggaactctg ggctcgcgcg cagggcagga gcggagcggc 60
49 ggcggctgcc caggcgatgc gagcgcggc cggacggtaa tcgcctctcc ctccctcggc 120
50 tgcgagcgcg ccggaccgag gcagcgacag gagcggaccg cggcgggaac cgaggactcc 180
W--> 51 ccagcggcgc gccagcagga gccacccgcg gaggcgtgcg accgggacgg agcgcccgcc 240
52 agtcccaggt ggcccggacc gcacgttgcg tccccgcgct cccgcgcggc gacaggagac 300
53 gctccccccc acgcgcgcg cgctcggcc cggtcgctgg cccgcctcca ctccggggac 360
54 aaacttttcc cgaagccgat ccagccctc ggacccaaac ttgtcgcgcg tcgccttcgc 420
55 cgggagccgt ccgcgcagag cgtgcacttc tcgggcgag atg tcg gag cgc aga 474
56 Met Ser Glu Arg Arg
57 1 5
58 gaa ggc aaa ggc aag ggg aag ggc ggc aag aag gac cga ggc tcc ggg 522
59 Glu Gly Lys Gly Lys Gly Lys Gly Lys Lys Asp Arg Gly Ser Gly
60 10 15 20
W--> 61 aag aag ccc gtg ccc gcg gct ggc ggc ccg agc cca gnn 561
62 Lys Lys Pro Val Pro Ala Ala Gly Gly Pro Ser Pro Xaa
63 25 30

E--> 64 <210> 138
65 <211> 178 179 show
66 <212> DNA
67 <213> Bos taurus
68 <220>
69 <221> CDS
70 <222> (3)...(179)
71 <221> variation
72 <222> (179)...(179)
73 <223> N in position 179 varies.
74 <220>
75 <221> variation
76 <222> (59)...(59)
77 <223> Xaa in position 59 is Gly.
78 <400> 138
79 cc ttg cct ccc cgc ttg aaa gag atg aag agt cag gag tct gtg gca 47
80 Leu Pro Pro Arg Leu Lys Glu Met Lys Ser Gln Glu Ser Val Ala
81 1 5 10 15
82 ggt tcc aaa cta gtg ctt cgg tgc gag acc agt tct gaa tac tcc tct 95
83 Gly Ser Lys Leu Val Leu Arg Cys Glu Thr Ser Ser Glu Tyr Ser Ser
84 20 25 30
85 ctc aag ttc aag tgg ttc aag aat ggg agt gaa tta agc cga aag aac 143
86 Leu Lys Phe Lys Trp Phe Lys Asn Gly Ser Glu Leu Ser Arg Lys Asn
87 35 40 45
W--> 88 aaa cca caa aac atc aag ata cag aaa agg ccg ggn 179

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RAW SEQUENCE LISTING
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Input Set: H734592.RAW

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89      Lys Pro Gln Asn Ile Lys Ile Gln Lys Arg Pro Xaa
90      50                               55

E-->  91  <210> 139
      92  <211> 122 124 show
      93  <212> DNA
      94  <213> Bos taurus
      95  <220>
      96  <221> CDS
      97  <222> (2)...(124)
      98  <221> variation
      99  <222> (123)...(124)
     100  <223> N in positions 123 and 124 varies.
     101  <220>
     102  <221> variation
     103  <222> (41)...(41)
     104  <223> Xaa in position 41 is Ala.
     105  <400> 139
     106      g aag tca gaa ctt cgc att agc aaa gcg tca ctg gct gat tct gga gaa
     107      Lys Ser Glu Leu Arg Ile Ser Lys Ala Ser Leu Ala Asp Ser Gly Glu
     108      1                               5                               10                               15
     109      tat atg tgc aaa gtg atc agc aaa cta gga aat gac agt gcc tct gcc
     110      Tyr Met Cys Lys Val Ile Ser Lys Leu Gly Asn Asp Ser Ala Ser Ala
     111      20                               25                               30
W-->  112  aac atc acc att gtg gag tca aac grn
     113  Asn Ile Thr Ile Val Glu Ser Asn Xaa
     114      35                               40

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115  <210> 161
E-->  116  <211> 141 142 show
     117  <212> DNA
     118  <213> Bos taurus
     119  <220>
     120  <221> CDS
     121  <222> (2)...(142)
     122  <221> variation
     123  <222> (142)...(142)
     124  <223> N in position 142 varies.
     125  <220>
     126  <221> variation
     127  <222> (47)...(47)
     128  <223> Xaa in position 47 is Arg.
     129  <400> 161
     130      a cat aac ctt ata gct gag cta agg aga aac aag gcc cac aga tcc aaa
     131      His Asn Leu Ile Ala Glu Leu Arg Arg Asn Lys Ala His Arg Ser Lys
     132      1                               5                               10                               15
     133      tgc atg cag atc cag ctt tcc gca act cat ctt aga gct tct tcc att
     134      Cys Met Gln Ile Gln Leu Ser Ala Thr His Leu Arg Ala Ser Ser Ile
     135      20                               25                               30
W-->  136  ccc cat tgg gct tca ttc tct aag acc cct tgg cct tta gga agn

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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RAW SEQUENCE LISTING
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137	Pro His Trp Ala Ser Phe Ser Lys Thr Pro Trp Pro Leu Gly Xaa
138	35 40 45

VERIFICATION SUMMARY
PATENT APPLICATION US/08/734,592DATE: 01/25/1999
TIME: 17:10:33

Input Set: H734592.RAW

Line	Error/Warning	Original Text
28	E Input 559, Calc# Bases 561 differ	<211> 559
51	W "N" or "Xaa" used: Feature required	ccagcggcgc gccagcagga gccacccgc gagncgtg
61	W "N" or "Xaa" used: Feature required	aag aag ccc gtg ccc gcg gct ggc ggc ccg a
65	E Input 178, Calc# Bases 179 differ	<211> 178
88	W "N" or "Xaa" used: Feature required	aaa cca caa aac atc aag ata cag aaa agg c
92	E Input 122, Calc# Bases 124 differ	<211> 122
112	W "N" or "Xaa" used: Feature required	aac atc acc att gtg gag tca aac gnn
116	E Input 141, Calc# Bases 142 differ	<211> 141
136	W "N" or "Xaa" used: Feature required	ccc cat tgg gct tca ttc tct aag acc cct t